

12-15-2006 11:40

From-

T-267 P.004/008 F

PASSAIC VALLEY SEWERAGE COMMISSIONERS
APPLICATION FOR LETTER OF AUTHORIZATION
AND / OR
CONTRACTUAL INDIRECT DISCHARGE AGREEMENT

SECTION A

Check One

- ☒ Groundwater Cleanup
☐ Well Pump Test
☐ Construction Water
☐ Stormwater
☐ Other (List)

1. Name of Company / or Property applying for discharge: _____
SANDVIK INC.
2. Location: _____
FAIR LAWN NJ 07410
3. Mailing Address: _____
1702 NEVINS RD
FAIR LAWN NJ 07410
4. Person to contact concerning information provided in this application:
- Name of Contact Official: _____
WOSCIECH MIPIS
- Title: _____
FACILITIES ENGINEERING MANAGER
- Address: _____
1702 NEVINS RD
FAIR LAWN NJ 07410
- Phone#: _____
(201) 794 5106
- Fax#: _____
(201) 794 5049

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5. If consultant is being used for this discharge provide:

Name: N/A

Address: _____

Phone#: _____

Fax#: _____

Contact: _____

6. Person or Company responsible for payment of Treatment Fee and /or Connection Fee:

Name: SANDVIK INC.Address: 1702 NEVINS RD.
FAIR LAWN NJ 07410Phone#: (201) 794 5000Fax#: (201) 794 5049

7. Does Company have NJPDES Permit? Yes - ☒ No If yes, list all: (include whether the Permit is for a discharge to surface water or to groundwater):

- 7a. If the answer to #7 was yes, why is application being made to discharge the wastewater to the sanitary sewer? _____

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SECTION B

Brief Description of Operation:

1. What type of operation resulted in the contamination, and what are the expected contaminants?: GROUNDWATER CONTAMINATION,
ABNORMAL VOC'S
2. What is the anticipated duration of discharge? 24H / 7 DAYS
3. Is there an existing sewer connection on site? Yes - No, If no, explain how wastewater will be conveyed to the sewer?

(Discharge must enter a combined or sanitary sewer only)
4. What is the total amount of volume expected to be discharged: 182880 GAL/DAY / UNKNOWN
5. What is the estimated average daily flow in (gallons per minute) GPM: 127 GAL/MIN.
(Note: Non-resettable meter must be used to measure the volume)
6. Describe any pretreatment expected to be used to treat the waste stream: N/A
7. Provide a description of the final sample point *(Example: Sample point is located in building #1 in the discharge pit).* 66 BOILER ROOM BASEMENT /
UNDER STAIRWAYS

SECTION C

1. Attach Diagram of the Property showing:
 - a. Discharge location
 - b. Treatment system
 - c. Sample point(s) (PVSC requires accessibility to install a sampler)
 - d. Non-resettable flowmeter
 - e. Identify well or well #'s being pumped.
2. Details of connection (s) to the municipal (or PVSC) sewer, including the distance and direction of each connection from the nearest street intersection.
- 2 a. Is or was an NJDEP Treatment Works Approval (TWA) required (Yes or No)?
If so, was it submitted to PVSC? _____

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SECTION D

1. Analysis of wastewater expected to be discharged. If wastewater will be pretreated, analyze sample after pretreatment.

Parameter	Results (mg/l) Report to the nearest hundredth: 0.XX Except where indicated. Example: 0.36 mg/l
(Cd) Cadmium	<0.05
(Cu) Copper	0.080
(Pb) Lead	<0.025
(Ni) Nickel	<0.02
(Zn) Zinc	0.139
(Hg) Mercury (Report to 0.XXX)	N/D
(Mo) Molybdenum	N/D
Chlorides	168
(BOD) Biochemical Oxygen Demand (Report to XXX.)	<2.00
(TSS) Total Suspended Solids (Report to XXX.)	18.00
(pH) Standard Units	6.5
(TPH) Total Petroleum Hydrocarbons	<1.00
(VOC) Volatile Organic Compounds	SEE RESULTS

Note: Analysis of discharge parameters shall be performed by a laboratory that has been certified by the State of New Jersey. Company is required to submit all certified lab analyses. Analysis sheets for VOC must identify all analytes individually and must be reported to the method detection levels. PVSC reserves the right to require additional analyses if it deems it necessary.

2. Date samples taken: _____
3. Name of Laboratory certified by NJDEP to conduct all required analysis:

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SECTION E

CERTIFICATION:

The information contained in this application is familiar to me and, to the best of my knowledge and belief, such information is true, complete and accurate.

Name of signing official: WOJCIECH MIPS
Print Name
Title: FACILITIES ENGINEERING MANAGER
Date: 12/18/06 Signature: Wojciech MIPS

ANALYTICAL TESTING LABORATORIES

NJDEP CERTIFICATION NO. 20477

PO BOX 368, KENILWORTH N.J. 07033 (908)241-5040 fax (908)241-5356

ANALYSIS REPORT

ATT: ALBERT MIPS
SANDVIK
1702 NEVINS ROAD
FAIRLAWN, NEW JERSEY 07410

CODE NO: 22246
DATE RECEIVED: 12/20/06
DATE SENT: 01/15/07
SAMPLE TYPE: WATER

SAMPLE ID: OUTLET 12/20/06

SAMPLE NO	PARAMETER	RESULT	ANALYZED	UNITS	MDL	METHOD
22246 -01	BOD ₅	< 2.00	12/26/06	mg/L	2.00	405.1
	TSS	18.0	12/21/06	mg/L	4.00	160.2
	pH	6.5	12/20/06			150.1
METALS:						
	CADMIUM	< 0.005	01/10/07	mg/L	0.005	213.1
	COPPER	0.080	01/10/07	mg/L	0.02	220.1
	LEAD	< 0.025	01/10/07	mg/L	0.025	239.1
	NICKEL	< 0.02	01/10/07	mg/L	0.02	249.1
	ZINC	0.139	01/10/07	mg/L	0.005	289.1

REMARKS: MDL = METHOD DETECTION LIMIT
J = DETECTED BUT BELOW MDL


ROSE M. KOPLIN
DIRECTOR

1A
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

22246-1

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____Lab Code: _____ Case No.: 4370 SAS No.: _____ SDG No.: _____Matrix: (soil/water) WATER Lab Sample ID: 0612705Sample wt/vol: 5.0 (g/ml) ML Lab File ID: M9956.DLevel: (low/med) LOW Date Received: _____% Moisture: not dec. _____ Date Analyzed: 1/2/07GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0

Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO. COMPOUND (ug/L or ug/Kg) UG/L Q

107028	Acrolein	5	U
107131	Acrylonitrile	2	U
74873	Chloromethane	1	U
74839	Bromomethane	1	U
75014	Vinyl Chloride	1	U
75003	Chloroethane	1	U
75092	Methylene Chloride	1	U
67641	Acetone	2	U
75150	Carbon Disulfide	0.4	U
75694	Trichlorofluoromethane	0.4	U
75354	1,1-Dichloroethene	3	
75343	1,1-Dichloroethane	3	
156592	cis-1,2-Dichloroethene	4	
156606	trans-1,2-Dichloroethene	0.4	U
67663	Chloroform	6	
107062	1,2-Dichloroethane	0.4	U
78933	2-Butanone	0.5	U
71556	1,1,1-Trichloroethane	3	
56235	Carbon Tetrachloride	2	
108054	Vinyl Acetate	0.4	U
75274	Bromodichloromethane	0.4	U
78875	1,2-Dichloropropane	0.4	U
10061015	cis-1,3-Dichloropropene	0.4	U
79016	Trichloroethene	7	
71432	Benzene	0.4	U
124481	Dibromochloromethane	0.4	U
10061026	trans-1,3-Dichloropropene	0.4	U
79005	1,1,2-Trichloroethane	0.4	U
110758	2-Chloroethylvinylether	2	U
75252	Bromoform	0.4	U
108101	4-Methyl-2-Pentanone	0.5	U
591786	2-Hexanone	0.5	U
127184	Tetrachloroethene	130	
79345	1,1,2,2-Tetrachloroethane	0.4	U
108883	Toluene	0.4	U
108907	Chlorobenzene	0.4	U
100414	Ethylbenzene	1	U
100425	Styrene	0.4	U
1330207	m,p-Xylene	1	U

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1A

EPA SAMPLE NO.

VOLATILE ORGANICS ANALYSIS DATA SHEET

22246-1

Lab Name: ACCREDITED ANALYTICAL RES Contract: _____
Lab Code: _____ Case No.: 4370 SAS No.: _____ SDG No.: _____
Matrix: (soil/water) WATER Lab Sample ID: 0612705
Sample wt/vol: 5.0 (g/ml) ML Lab File ID: M9956.D
Level: (low/med) LOW Date Received: _____
% Moisture: not dec. _____ Date Analyzed: 1/2/07
GC Column: Rtx-624 ID: 0.18 (mm) Dilution Factor: 1.0
Soil Extract Volume _____ (uL) Soil Aliquot Volume: _____ (uL)

CONCENTRATION UNITS:

CAS NO.	COMPOUND	(ug/L or ug/Kg)	UG/L	Q
95476	o-Xylene		1	U

ACCREDITED ANALYTICAL RESOURCES, LLC
INORGANIC ANALYSIS DATA SHEET

Case #: 4370
Sample #: 0612705
Field ID: 22246-1
Client Name: ATL

Matrix: Aqueous
Date Received: 12/22/06

CAS No.	Element	Result UG/L	MDL UG/L	Dilution Factor	Method	Date Analyzed
7439-97-6	Mercury	ND	.500	1	CV	12/27/06

ND - Element analyzed for but not detected.

P - Analyzed by ICP

CV - Analyzed by Cold Vapor

F - Analyzed by GFA

A - Analyzed by flame AA

Accredited Analytical Resources, LLC
General Chemistry Analysis Data

Case #: 4370
Sample #: 0612705
Client Name: ATL
Field Number: 22246-1

Matrix: Aqueous
Date Received: 12/22/06

ANALYTES	RESULTS	MDL	UNITS	DILUTION FACTOR	METHOD RESULTS	BLANK MDL	ANALYSIS DATE
Chloride, Titrimetric	168.	1.0	mg/L	1.	ND	1.0	12/22/06

ACCREDITED ANALYTICAL RESOURCES, LLC

20 PERSHING AVENUE
HARTERET, NEW JERSEY 07008
PHONE (732) 969-6112 FAX (732) 541-1383
accreditedanalytical.com



CHAIN OF CUSTODY FORM

STATE AGENCY NJ NY PA CT DE OTHER _____	
PROJECT	4370
CONTACT	Long
PHONE	732-969-6112
FAX	732-541-1353
E-MAIL	

CLIENT	AAR		
ADDRESS	20 Pershing Ave		
CITY	Carteret		
STATE	NJ	ZIP	07008

[illegible]* C = NO. CONTAINERS TURNAROUND: 1105107 (IF BLANK, STD. 3 WEEKS)

QA/QC DELIVERABLES (circle one)	<u>STD</u>	REDUCED	FULL	OTHER _____
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RELINQUISHED BY:		RECEIVED BY:		ORGANIZATION	DATE	TIME	REASON
PRINT	SIGN	PRINT	SIGN				
Teelogan		SKOTELAN		BPP	11/24	9:30 PM	Amnesty

PERSON(S) ASSUMING RESPONSIBILITY FOR SAMPLING: PRINT: _____ SIGN: _____

		AAR QUOTE #	13
COMMENTS		CASE #	6-12 717
		P.O. #	



3830 Park Avenue
Edison, New Jersey 08820
(732) 494-4600
FAX: (732) 494-4611

2917 Bruckner Blvd.
Bronx, New York 10461
(718) 863-0045
Fax: (718) 518-7454

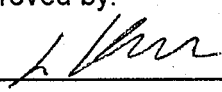
Please Reply To:

ANALYTICAL DATA REPORT

Submitted To:
Accredited Analytical Resources, LLC
20 Pershing Avenue
Carteret, NJ 07008
EPI Project #: 6-12717
EPI Case #: 6-12717

Submitted By:
Enviro-Probe, Inc.

This report is approved by:



Lyudmila Kogan
Laboratory Manager



3830 Park Avenue
Edison, New Jersey 08820
(732) 494-4600
FAX: (732) 494-4611

2917 Bruckner Blvd.
Bronx, New York 10461
(718) 863-0045
Fax: (718) 518-7454

Please Reply To:

ANALYTICAL DATA REPORT

Client's Name : Accredited Analytical Resources , LLC
Client's Project : 4370
Analysis: Molybdenum
Matrix:Aqueous
Method : EPA 200.7

Date Received : 12/26/06
Date Analyzed:12/28/06
Analyzed By :LK
EPI Case #: 6-12717

<u>Client Field ID</u>	<u>Lab Sample ID #</u>	<u>Mo(mg/L)</u>
200612705	86203	ND

MDL Molybdenum - 0.017 mg/L

15
END

ANALYTICAL TESTING LABORATORIES, INC. NJDEP ID 20477
8840 COLFAX AVENUE, PO BOX 368, KENILWORTH NJ 07033-0368
PHONE (908) 241-5040 FAX (908) 241-5356

ADDRESS: 1702 Nevins Road, Fairlawn

PROJECT NAME: Sandvik
SAMPLER(S): DPaskow
NAME AND AFFILIATION

[illegible]

	REDUCED	FULL	STD	DELIVERABLES
Comments:	metals analysis - Cd, Cu, Pb, Ni, Zn, Hg, Mo			

(CIRCLE ONE)

PROPERLY PRESERVED	YES NO
COOLER TEMP 4°C	YES NO

1/19/2007 11:12 AM FROM: Fax ATL TO: 1 201 794-5049 PAGE: 002 OF 002

ANALYTICAL TESTING LABORATORIES

NJDEP CERTIFICATION NO. 20477

PO BOX 368, KENILWORTH N.J. 07033 (908)241-5040 fax (908)241-5356

ANALYSIS REPORT

ATT: ALBERT MIPS
SANDVIK
1702 NEVINS ROAD
FAIRLAWN, NEW JERSEY 07410

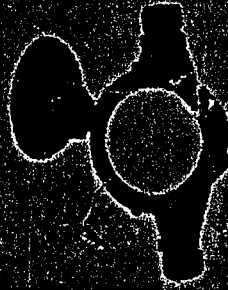
CODE NO: 22246
DATE RECEIVED: 12/20/06
DATE SENT: 01/15/07
SAMPLE TYPE: WATER

SAMPLE ID: OUTLET 12/20/06

SAMPLE NO	PARAMETER	RESULT	ANALYZED	UNITS	MDL	METHOD
22246 -01	TPHC	< 1.00	12/25/06	mg/L	2.00	418.1

METER
INFORMATION

Position		1		Serial		0005 0000626	
Number		Full		Number		PLU/Meter	
Flow		Rate		Inter		Low	
Test		100.15		100.8		99.5	
Registration							
Style		CF		Gal		m3	
DL12501							
Size		Tester		Date		12/5/2006	
2 1/2"							
CUSTOMER TAG NUMBER Reese Construction							



www.watermeters.com